

**To:** Garland, Jay[Garland.Jay@epa.gov]  
**From:** Smith, Emily J.  
**Sent:** Tue 9/26/2017 2:40:06 PM  
**Subject:** FW: Status of Atmospheric Water Generator Work  
[AWG SOW draft 071417.doc](#)  
[AWGWork Products.docx](#)

Hi Jay,

If it's okay with you, I'd like to set up a time to talk with you and learn more about this. Is your calendar up to date? I'll include Brad and Karen Stewart in our discussion. Karen is a student contractor working in NERL communications. I'd like Karen to develop a desk statement and Qs/As about this after we talk to you. At some point down the line, if it seems appropriate to you, she can also develop a [Science Matters Newsletter](#) article on this- that would be a good way to share this with audiences external to EPA when the timing is right.

-Emily

Emily J. Smith

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**Subject:** FW: Status of Atmospheric Water Generator Work

Something to stay on top of and perhaps include updates in the wkly – high Administrator interest. They keep calling him for updates

Jennifer Orme-Zavaleta, PhD

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**From:** Garland, Jay  
**Sent:** Friday, September 22, 2017 5:43 PM  
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**Subject:** Status of Atmospheric Water Generator Work

Jennifer,

You asked for an update on the AWG work.

- 1) OGC is working with WaterGen on finalizing the CRADA, material transfer agreement, and nondisclosure agreement to initiate the work defined in the attached SOW. Should be complete within the week. The completion of the paperwork as well as the transfer of the equipment to the Cincinnati labs is depend on WaterGen and influenced by their current FEMA-related support to hurricane areas.
- 2) The timeline for completion of work is spelled out according to the work products in the other attached file.
- 3) We are actively reaching out to other potential vendors who may want to collaborate. We have made initial contact with 2 companies who have expressed interest in developing CRADA to do similar work. We have a follow up call to discuss more specifics with one of those companies (DewPoint from Vancouver), and will have the second conversation with SkyH2O from California soon.
- 4) We are also reaching out to the Xprize organization which is in the middle of competition related to atmospheric water generators. <https://water.xprize.org/> They will select five finalists in early 2018; linking to xPrize may be an effective means of evaluating the best in world in this area. WaterGen and DewPoint have entered this competition.
- 5) SSWR has been closely engaged in this effort through Chris Impelliteri's direct involvement in the WaterGen site visit to Cincinnati on August 17-18, and subsequent weekly telecons organized and led by OGC (Elise Packard). I have coordinated the technical side of the work in collaboration with staff members from SSWR Project 6.3 on Next Generation Water Systems. Ardra Morgan led the initial project management related activities, and Mike Nye is currently serving in that role.

Be glad to follow up with more information.

Jay L. Garand, Ph.D.

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